

FACT SHEET

LEAKING UNDERGROUND FUEL TANK (LUFT) PROGRAM

FORMERLY DOWNTOWN FUEL TANK REMOVAL, LEAK ASSESSMENT

Program Description:

The program was started in the early 1980's to evaluate all City-owned underground fuel storage tanks and remove any that were leaking or not compliant with new regulations. The program now removes, monitors, and remediates any leaking tanks discovered on City property. All work is overseen by the Central Valley Regional Water Quality Control Board, with permits issued by the San Joaquin County Environmental Health Department (EHD).

There is currently one active tank site. The site at 800 Main Street was closed July 20, 2017. A tank discovered at 540 El Dorado Street, which had been assigned to the City by EHD, was removed by the adjacent owners January 2017.

Project Schedule, 601 Main Street:

Tank Discovered	June 2004
Tank Removed by Owner	July 2004
Responsibility Assigned to City	April 2008
Responsibility Accepted by City	July 2008
Work Plan to EHD	November 2008
Work Plan Approved by EHD	January 2009
Preliminary Site Assessment to EHD	April 2009
Additional Site Assessment to EHD*	May 2010
Additional Site Assessment with Vapor Intrusion Testing*	December 2014
Additional vapor testing assigned by EHD	April 2015
Transition to oversight by Water Board	July 2015
Monitoring Wells Required by Water Board	October 2015
Work Plan to Water Board**	June 2017
Water Board Concurrence with Work Plan	July 2017
Installation of Monitoring Wells/First Monitoring	October 2017
Second Quarterly Monitoring	January 2018
Final Quarterly Monitoring***	April 2018
Water Board issues No Further Action	July 2018

Project Cost:

Consultant Contract, 601 Main	\$ 39,200
Program Administration****	\$ 17,800
<u>TOTAL</u>	<u>\$ 57,000</u>

Project Funding:

General Funds, Yearly	\$ 60,000
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Project Manager:

Sharla Hardy	(209) 937-8374
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Consultant:

Advanced GeoEnvironmental	(209) 467-1006
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*Subsequent Reports include the following: Assessment by EHD of the previous report, Assignment of additional sampling by EHD, Request of proposal of costs from Consultant, Change order to cover costs of additional sampling and reporting, Preparation of Work Plan and submission of Work Plan to EHD, Review and Approval of Work Plan by EHD, Samples collected and submitted to lab, Lab Analysis of samples, Geotechnical analysis of test results by Consultant, and Submission of Report to EHD. Acquisition of funds for change order is sometimes an additional step.

**The additional work assigned by the Water Board required: Negotiation and clarification with the Water Board, Request for a proposal from Consultant, Acquisition of funding for expanded scope of work, Judgement from the Department of Industrial Relations (DIR) regarding whether Consultant's work required DIR construction documents and application of prevailing wages, Update of proposal to include new DIR requirements, New contract with Consultant, Preparation of Work Plan, Review of Work Plan, and Submission of Work Plan to Water Board.

***This assumes that monitoring provides results that allow the modeling to produce a 3D map of the remaining contamination that is "well defined" and "low concentration and diminishing". If the vapor or groundwater results do not meet those requirements, the Water Board will require additional monitoring and may require remediation.

****Includes research and coordination regarding past tanks, possible future tanks, and other tank related questions.